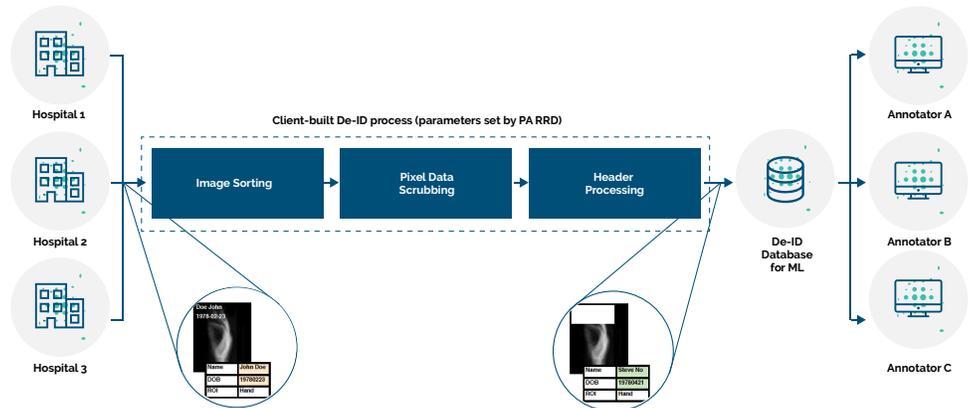


Privacy Analytics enables real world evidence for medical image de-identification

Privacy Analytics has provided services projects on medical image datasets for a variety of medical devices. With more organizations looking to leverage their medical imaging data, Privacy Analytics is packaging our image de-identification services as a standard offering. Our service harnesses the expertise of de-identification professionals to assess the risk of leaks using statistical techniques.

DICOM

Sample of DICOM data automation workflow engineered for a Privacy Analytics client using machine learning for hospital networks. Infographic: Dr. Brian Rasquinha, Privacy Analytics.



Data de-identification to support machine-learning applications

Medical images require special consideration for de-identification to be useful in research for machine learning applications in computer-assisted diagnoses, detailed 3D measurements for biomechanics, sharing fMRI image volumes for psychology or neurology studies, and as documentation of treatment results for surgeries. Privacy Analytics has made significant advances in enabling the secondary use of medical images to drive innovation.

Some of our client success stories:

- ▶ For a leader in surgical robotic systems using data from Clinical Case Reports (CCRs), we enabled the client to share high-quality data for secondary purposes while balancing the regulatory requirements and achieving an acceptable risk threshold.
- ▶ For a software company using artificial intelligence to derive diagnoses from medical images sourced from a variety of hospital partners and hardware configurations, we enabled the client to apply the process of de-identification to the onboarding of new machines.
- ▶ For a global provider of pre-operative planning software and intra-operative surgical robots, we enabled the client to implement privacy and security controls to ensure data recipients can manage data access and use appropriately.